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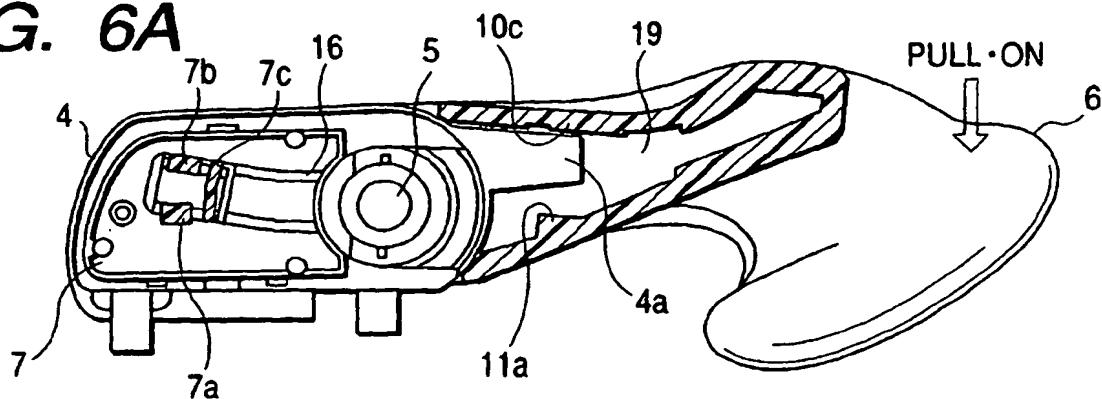
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01.12.2000 JP 2000367172(71) Applicant: ALPS ELECTRIC CO., LTD.
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(54) Vehicle-mounting steering switch

(57) The present invention discloses a vehicle-mounting steering switch (3) which exhibits excellent operability and requires just a small installation space. A vehicle-mounting steering switch (3) includes a manipulating knob (6) which is rotatably and pivotally supported on a support member (4). The support member (4) is fixedly secured to a rear surface of a pad of the steering wheel and, at the same time, the manipulating knob is protruded into the inside of a space defined between a ring and the pad. A circuit board (7) which is

provided with a pair of resistance patterns (7a,7b) is mounted on the support member (4), while a sliding element (18) which is slidable on the circuit board (7) is mounted on the manipulating knob (6). When a driver performs push or pull manipulation of the manipulating knob (6) with his finger, a relative position of the circuit board (7) and the sliding element (18) is changed so that two kinds of ON signals are outputted. In response to these ON signals, it becomes possible to perform shift-up or shift-down of transmission gears in the midst of cruising in a drive range.

FIG. 6A



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EUROPEAN SEARCH REPORT

Application Number

EP 01 12 8249

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Place of search EPO FORM 15030382 (P04C01)	Date of compilation of the search 17 September 2003	Examiner Van Der Veen, F.	
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EP 1 211 119 A3**ANNEX TO THE EUROPEAN SEARCH REPORT
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